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TO : Commissioner for Patents  
 COMPANY : USPTO  
 FAX No. : 1-703-872-9306  
 No of PAGES : 18 (including cover sheet)  
 FROM : Enrique J. Mora  
 DATE : June 3, 2005  
 RE : Serial Number 10/063,601  
 ATTY. DOCKET NO: 121891-1 (352)

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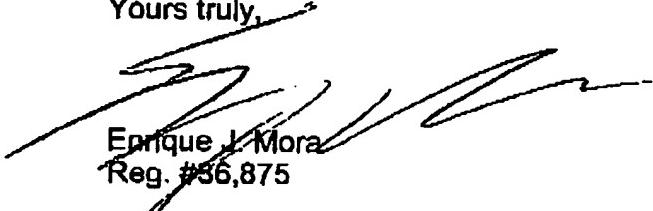
JUN 03 2005

### VIA FACSIMILE ONLY

Attached please find for entry into the above-referenced application:

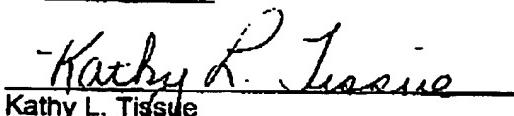
1. Transmittal Form; and
2. Amendment After Final (16 pages) – Responsive to the Office Action dated March 30, 2005.

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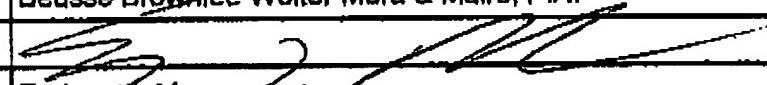
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Total Number of Pages in This Submission

Application Number	10/063,601
Filing Date	05/03/2002
First Named Inventor	Nicholas E. Roddy
Art Unit	2113
Examiner Name	Guyton, Philip A.
Attorney Docket Number	121891-1 (352)

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply (w/Attachment)	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input checked="" type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD. Number of CD(s) _____	
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<input type="checkbox"/> <input type="checkbox"/> under 37 CFR 1.52 or 1.53		
Remarks		

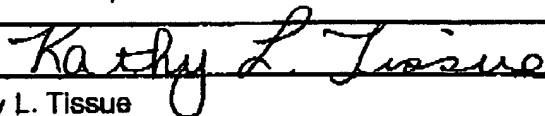
**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Beusse Brownelee Wolter Mora & Maire, P.A.		
Signature			
Printed name	Enrique J. Mora		
Date	June 3, 2005	Reg. No.	36,875

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Date June 3, 2005

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re: Application of:

Applicants: Nicholas E. Roddy, et al.

Serial No.: 10/063,601

Filed: 05/03/2002

Title: Method And System For  
Analyzing Fault And Quantized  
Operational Data For Automated  
Diagnostics Of Locomotives

Examiner: Guyton, Philip A.

Group Art Unit: 2113

Confirmation No.: 9698

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AMENDMENT AFTER FINAL

This amendment after final is in response to the Final Office Action dated as mailed March 30, 2005 and having a response due date of June 30, 2005.

Please amend the above-identified application as follows:

**Amendments to Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 14 of this paper.